

AMENDMENTS TO THE SPECIFICATION

Please replace the title of the application on page 1 with the following title rewritten in amendment format.

OVERRUNNING ALTERNATOR DECOUPLER PULLEY WITH BARE WIRE

SPRING AND GREASE LUBRICATION

Please replace the first full paragraph extending over lines 2 through 17 on page 2 with the following paragraph rewritten in amendment format:

~~According to one aspect of the invention, a decoupler assembly is provided for transferring torque between a shaft and a drive belt. The decoupler assembly includes a hub configured to be fixedly secured to the shaft. The hub includes a helical first slot formed therein. A carrier is rotatably mounted on the hub. The carrier includes a helical second slot formed therein. A torsion spring extends between a hub end and a carrier end for transferring torque between the hub and carrier, wherein the hub end is retained in the helical first slot to prevent relative movement between the hub end of the torsion spring and the hub and the carrier end is retained in the helical second slot to prevent relative movement between the carrier end of the torsion spring and the carrier. A pulley is rotatably coupled to the hub. The pulley includes an outer surface configured to frictionally engage with the drive belt. The pulley has an inner surface formed therein. A clutch spring is fixedly secured to the carrier and has a plurality of helical coils frictionally engaging with the inner surface of the pulley to selectively couple the hub and pulley. The torsion spring and the clutch spring are wound in opposite senses enabling the clutch spring to expand into gripping engagement with the inner surface~~

~~during acceleration of the pulley relative to the hub and to contract out of gripping engagement with the inner surface during deceleration of the pulley relative to the hub.~~

In one form the present teachings provide a decoupler assembly for transferring torque between a shaft and an endless power transmitting element. The decoupler assembly can include a hub, a carrier, a torsion spring, a pulley, a clutch spring and a lubricant. The hub is configured to be coupled to the shaft such that the shaft co-rotates with the hub about a rotational axis. The carrier is rotatable relative to the hub. The torsion spring is concentric with the rotational axis of the hub and extends between a hub end and a carrier end and is configured to transfer rotary power between the hub and carrier. The pulley is rotatably coupled to the hub and has an outer periphery that is configured to engage the endless power transmitting element. The pulley has an inner surface formed therein. The clutch spring is formed only of wire and includes a first end, which is fixedly coupled to the carrier, a second end, which is located opposite the first end, and a plurality of coils that are disposed between the first and second ends. The clutch spring exits the carrier and extends toward the inner surface of the pulley such that at least one of the plurality of coils is engaged against the inner surface of the pulley when rotary power is transmitted from the pulley to the hub. The plurality of coils are configured to contract to at least reduce gripping engagement between the plurality of coils and the inner surface of the pulley in response to deceleration of the pulley relative to the carrier beyond a predetermined extent to permit the hub to rotate at a speed in excess of the pulley. The lubricant is disposed on coils of the clutch spring. The pulley and the hub cooperate to define an annular cavity in which the torsion spring

and the clutch spring are disposed. The torsion spring and the clutch spring are disposed axially between the carrier and the hub.